

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001391

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/34, H04L 12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|-----------|---|-----------------------|
| A         | WO 02056622 A1 (NOKIA CORPORATION), 18 July 2002<br>(18.07.2002), page 4, line 12 - page 5, line 16<br>--                             | 1-11                  |
| A         | WO 02102111 A1 (TELEFONAKTIEBOLAGET LM ERICSSON<br>(PUBL)), 19 December 2002 (19.12.2002), page 3,<br>line 13 - page 9, line 26<br>-- | 1-11                  |
| A         | US 2002077091 A1 (IMMONEN, P. ET AL), 20 June 2002<br>(20.06.2002), paragraphs 0013 - 0017<br>--                                      | 1-11                  |
| A         | US 6553025 B1 (KUNG, F-C. ET AL), 22 April 2003<br>(22.04.2003), abstract<br>--   | 1-11                  |

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier application or patent but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

4 March 2004

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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| A         | WO 0191374 A1 (TELEFONAKTIEBOLAGET LM ERICSSON<br>(PUBL)), 29 November 2001 (29.11.2001),<br>abstract<br><br>----- | 1-11                  |

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

24/12/2003

International application No.  
PCT/SE 2003/001391

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